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This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

Advice to authors Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Dr A Mindel, Academic Department of Genitourinary Medicine, James Pringle House, Middlesex Hospital, London W1N 8AA. All authors must give signed consent to publication. The editor should be notified of any change of address of the corresponding author. Manuscripts will only be acknowledged if a stamped addressed postcard or international reply coupon is enclosed.

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(1) *Scripts (including correspondence and book reviews)* must be typewritten on one side of the paper in double spacing with ample margins. Two copies should be sent; if a paper is rejected, one copy will be retained.

(2) *Each script* should include, in the following order: a brief summary, typed on a separate sheet, outlining the main observations and conclusions; the text divided into appropriate sections; acknowledgements; references; tables, each on a separate sheet; and legends for illustrations.

(3) *The title* of the paper should be as brief as possible.

(4) *The number of authors* should be kept to the minimum, and only their initials and family names used.

(5) *Only the institution(s)* where work was done by each author should be stated.

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(9) *Figures* should be numbered in the order in which they are first mentioned, referred to in the text, and provided with captions typed on a separate sheet. (*Diagrams*: use thick, white paper and insert lettering lightly in pencil. *Photographs*: should be marked lightly on the back with the author's name and indicating the top, and should not be attached by paper clips or pins. They should be trimmed to include only the relevant section (and will be reproduced 68 or 145 mm wide) to eliminate the need for reduction. Photomicrographs must have internal scale markers. Radiographs should be submitted as photographic prints, carefully prepared so that they bring out the exact point to be illustrated.

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Notices

Organisers of meetings who wish to insert notices should send details to the editor (address on the inside front cover) at least eight months before the date of the meeting or six months before the closing date for applications.

Northern Genitourinary Physician Colposcopy Group

There will be a meeting of the above group at the Excelsior Hotel, Manchester Airport, Wythenshawe, Manchester M22 5NS on 4 November 1989. This will take the form of a lecture in the morning by Dr Ian Duncan (Consultant Obstetrician & Gynaecologist, Dundee) who will speak on "Treatment aspects of CIN". In the afternoon the Annual General Meeting will take place.

Details of membership and this meeting are available from the Honorary Secretary, Dr A B Alawattagama, Academic Department of Genitourinary Medicine, Royal Liverpool Hospital, Prescott St, Liverpool L7 8XP, UK (051 709 0141).

International congress on viral infections as a cause of sexually transmitted diseases

The Dutch Society for the Study of Sexually Transmitted Diseases is holding an international congress on "Viral infections as a cause of STD" in Amsterdam on 17 and 18 November 1989.

For further information please contact Hoboken Congress Organisation, Erasmus University Rotterdam, PO Box 1738, 3000 DR Rotterdam, The Netherlands.

International Union against Venereal Diseases and the Treponematoses (IUVDT)—35th general assembly

The 35th general assembly of the IUVDT will be held on 9–11 May 1990 at the Royal Society of Medicine, London. The subject will be "Sexually transmitted diseases in the age of AIDS".

For further details please contact Barbara Komoniewska BA, Assistant Medical Services Secretary, Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE (01 408 2119, telex 298902 ROYMED G).

Northern Genitourinary Physicians Colposcopy Group

The increasing incidence of cervical intraepithelial neoplasia (CIN) and infection with human papillomavirus (the possible aetiological agent of CIN) in patients attending genitourinary medicine (GUM) clinics has led to colposcopy being used in many clinics. To discuss problems associated with providing a colposcopy service and to promote research into diagnosing and treating sexually transmitted disease of the cervix in relation to CIN and colposcopy, 18 GUM consultants from northern England (north of Birmingham and south of Scotland) inaugurated a colposcopy group on 12 November 1988, with Dr D A Hicks of the Royal Hallamshire Hospital, Sheffield, as president. Membership of the group is open to all colleagues in this geographical area.

Details of membership are available from the honorary secretary, Dr A B Alawattagama, Academic Department of Genitourinary Medicine, Royal Liverpool Hospital, Prescott Street, Liverpool L7 8XP, (051 709 0141).

Artificial Intelligence in Medicine—call for papers

The next two volumes of the new international quarterly journal, *Artificial Intelligence in Medicine*, vol 2 (1990) and vol 3 (1991), will be devoted to studies in medical knowledge engineering. Papers on all aspects of medical expert systems, including their designing, application and evaluation, are welcome. Contributions should be sent to the editor: Professor KS Zadeh, University of Münster Hospital, Department of Medical Informatics, Münster, West Germany 4400.

Electronic manuscripts are preferred. Details and instructions for authors may be obtained from the publisher: Burgverlag, PO Box 1247, Tecklenburg, West Germany 4542.

The Medical Society for the Study of Venereal Diseases (MSSVD) Undergraduate Prize — Regulations

- 1 A prize of £150.00, to be called the MSSVD Undergraduate Prize, will be awarded annually by the MSSVD (provided an entry of a suitable standard is received).
- 2 Entries for the prize will take the form of a report written in English.
- 3 The subject of the report should be related to sexually transmitted disease, genitourinary medicine, or human immunodeficiency virus (HIV) related infection.
- 4 The report should concern original and unpublished observations made by the entrant. The report, which should not exceed 2000 words, should include an introduction to the subject, methods used to make the observations, findings, and discussion. A summary of the report should also be provided on a separate sheet. Entries must be machine or type written, with double spacing, on one side only of A4 paper. Three copies must be submitted.
- 5 The subject must be approved by a genitourinary physician at the entrant's medical school. The observation must be made before full registration. A winner may not enter for the prize again. Each entry should be accompanied by a declaration that these conditions have been fulfilled.
- 6 Entries should be submitted to the honorary secretary of the MSSVD by June 30 each year. They will then be considered by the president, the honorary secretary, and the honorary treasurer. When appropriate other experts may be consulted. These assessors will make recommendations to council, who will make the final decision concerning the prize.
- 7 Entries must be submitted within 12 months of full registration or its equivalent.
- 8 Regulations are obtainable from the honorary secretary of the MSSVD.
- 9 The assessors may ask the editor of an appropriate journal to consider an entry for publication. If so, it will be received for publication in the usual way.

List of current publications

Selected titles from recent reports published worldwide are arranged in the following sections:

Genital warts
Genital herpes
Syphilis and other treponematoses
Gonorrhoea
Non-specific genital infection and related disorders
(chlamydial infections)
Non-specific genital infection and related disorders
(mycoplasmal and ureaplasma infections)

Non-specific genital infection and related disorders (general)
Pelvic inflammatory disease
Reiter's disease
Trichomoniasis
Candidiasis
Other sexually transmitted diseases
Genito-urinary bacteriology
Miscellaneous

Editorial preamble

Over recent years there has been an enormous increase in the number of publications relating to the Sexually Transmitted Diseases and related conditions, in particular HIV and AIDS, human papillomavirus infection and genital herpes. The number and complexity of these publications, together with the inevitable delay in commissioning and then publishing abstracts, has made this system obsolete. Therefore, we have decided to discontinue abstracts and rearrange the order of the bibliography. In addition, with a number of comprehensive AIDS bibliographies now widely available, we will not list HIV/AIDS publications unless they refer directly to the speciality.

Genital warts

Regulatory mechanisms of the papillomaviruses

P WARD, DV COLEMAN, ADB MALCOLM (London, England). *Trends in Genetics* 1989; 5:97-9.

Detection and typing of human papillomavirus infection of the uterine cervix by dot blot hybridisation: comparison of scrapes and biopsies

N HALLAM, P GIBSON, J GREEN, M CHARNOCK (London, England). *J Med Virol* 1989; 27:317-21.

Increased detection rate of human papillomavirus in cervical scrapes by the polymerase chain reaction as compared to modified FISH and Southern-blot analysis

W MELCHERS, A van den BRULE, J WALBOOMERS (Delft, The Netherlands). *J Med Virol* 1989;27:329-35.

Human papillomaviruses: are we ready to type?

A ROMAN, KH FIFE (Indianapolis, USA). *Clin Microbiol Rev* 1989;2:166-90.

Cervical dysplasia and human papillomavirus
JA CARMICHAEL, PD MASKENS (Ontario, Canada). *Am J Obstet Gynecol* 1989;160: 916-8.

Occult human papillomavirus infection of the uterine cervix in postmenopausal women
GJ NUOVO, S COTTRAL, RM RICHART (New York, USA). *Am J Obstet Gynecol* 1989;160: 340-3.

The multicentric nature of disease related to human papillomavirus infection of the female lower genital tract

M SPITZER, BA KRUMHOLZ, VL SELTZER (New York, USA). *Obstet Gynecol* 1989;73:303-7.

Human papillomavirus infection of morphologically normal cervical epithelium adjacent to squamous dysplasia and invasive carcinoma
TJ COLGAN, ME PERCY, M SURI, RM SHIER, DF ANDREWS, GM LICKRISH (Ontario, Canada). *Human Pathol* 1989;20:316-9.

Human papillomavirus coinfections of the vulva and uterine cervix

JK KULSKI, T DEMETER, P RAKOCZY, GF STERRETT, EC PIXLEY (Nedlands, Australia). *J Med Virol* 1989;27:244-51.

Prospective follow-up of cervical HPV infections—life table analysis of histopathological, cytological and colposcopic data

V KATAJA, K SYRJANEN, R MANTYJARVI, *et al* (Kupio, Finland). *Eur J Epidemiol* 1989;5: 1-7.

Transmissibility and treatment failures of different types of human papillomavirus

D GAL, M FRIEDMAN, S MITRANIROSENBAUM (Haifa, Israel). *Obstet Gynecol* 1989;73: 308-11.

Male partners of women with genital human papillomavirus infection. An assessment of colposcopic abnormalities by histological examination and human papillomavirus hybridization

L SELVEY, DW BUNTINE, L KENNEDY, IH FRAZER (Woolloongabba, Australia). *Med J Australia* 1989;150:479-82.

Patient-applied podofilox for treatment of genital warts

KR BEUTNER, MA CONANT, AE FRIEDMAN-KIEN, *et al* (Vallejo, USA). *Lancet* 1989;i:831-5.

Genital herpes

Rapid detection of cutaneous herpes simplex virus infection with the polymerase chain reaction

M CAO, X XIAO, B EGBERT, TM DARRAGH, TSB YEN (San Francisco, USA). *J Invest Dermatol* 1989;92:391-2.

Rapid detection of herpes simplex virus with fluorescein-labelled *Helix pomatia* lectin

M SLIFKIN, R CUMBIE (Pittsburgh, USA). *J Clin Microbiol* 1989;27:1036-9.

Diagnosis of herpes simplex virus infection in a clinical setting by a direct antigen detection enzyme immunoassay kit

A DASCAL, J CHAN-THIM, M MORAHAN, J PORTNOY, J MENDELSON (Montreal, Canada). *J Clin Microbiol* 1989;27:700-4.

Increased detection of herpes simplex virus in MRC-5 cells treated with dimethyl sulfoxide and dexamethasone

PE WEST, B ALDRICH, R HARTWIG, GJ HALLER (Norristown, USA). *J Clin Microbiol* 1989;27:770-2.

Prevalance of antibodies to herpes simplex virus type-1 and type-2 in pregnant women, and estimated rates of infection

AE ADES, CS PECKHAM, GE DALE, JM BEST, S JEANSSON (London, England). *J Epidemiol Community Health* 1989;43:53-60.

Immunoblotting analysis of class-specific antibody response in patients with primary HSV infection

M LEHTINEN, V KOIVISTO, T LEHTINEN, A YLAOUTINEN, U ROMPPANEN, J PAAVONEN (Tampere, Finland). *Acta Virol* 1989;33:8-14.

Serum IgA antibodies in HSV asymptomatic genital infections

SPP GUGLIELMINO, A GAROZZO, MR PINIZZOTTO, et al (Catania, Italy). *J Med Virol* 1989;27:210-4.

Psychological and immunological predictors of genital herpes recurrence

ME KEMENY, F COHEN, LS ZEGANS, MA CONANT (Los Angeles, USA). *Psychosom Med* 1989;51:195-208.

Characteristics of recurrent genital herpes simplex infections in pregnant women

JH HARGER, AJ AMORTEGUI, MP MEYER, GJ PAZIN (Pittsburgh, USA). *Obstet Gynecol* 1989;73:367-72.

A prospective study of the effects of acyclovir treatment on the HSV-2 lympho-proliferative response of persons with frequently recurring HSV-2 genital infections

L FRENKEL, E PINEDA, E GARRATTY, H FALL, M DILLON, Y BRYSON (Los Angeles, USA). *J Infect Dis* 1989;159:845-50.

Acyclovir therapy during pregnancy

ZA BROWN, DA BAKER (Seattle, USA). *Obstet Gynecol* 1989;73:526-31.

Comparison of intramuscular recombinant alpha interferon (rIFN-2A) with topical acyclovir for the treatment of first-episode herpes genitalis and prevention of recurrences

MJ LEVIN, FN JUDSON, L ERON, et al (Denver, USA). *Antimicrob Agents Chemother* 1989;33:649-52.

Biological and biochemical characterization of clinical isolates of herpes simplex virus type 2 resistant to acyclovir

NM OLIVER, P COLLINS, J van den MEER, JW van't WOUT (Beckenham, England). *Antimicrob Agents Chemother* 1989;33:635-40.

Treatment of genital herpes simplex infections with thymopentin: a double-blind placebo-controlled study

K BOLLA, J de MAUBEUGE, S LIDEN, I BONERANDI, E SUNDAL (Schaffhausen, Switzerland). *Int J Immunother* 1989;4:219-28.

Immunized mice challenged with herpes simplex virus by the intranasal route show protection against latent infection

JF ROONEY, C WOHLLENBERG, KJ CREMER, AL NOTKINS (Bethesda, USA). *J Infect Dis* 1989;159:974-6.

Syphilis and other treponematoses

Outer membrane ultrastructure explains the limited antigenicity of virulent *Treponema pallidum*

JD RADOLF, MV NORGARD, WW SCHULZ (Dallas, USA). *Proc Natl Acad Sci USA* 1989;86:2051-5.

Penicillin-binding proteins and peptidoglycan of *Treponema pallidum* subsp. *pallidum*

JD RADOLF, C MOOMAW, CA SLAUGHTER, MV NORGARD (Dallas, USA). *Infect Immun* 1989;57:1248-54.

Interactions of *Treponema pallidum* with endothelial cell monolayers

DD THOMAS, AM FOGELMAN, JN MILLER, MA LOVETT (Winston Salem, USA). *Eur J Epidemiol* 1989;5:15-21.

Evaluation of western immunoblotting technique in the serological diagnosis of human syphilitic infections

G DETTORI, R GRILLO, G MORA, et al (Rome, Italy). *Eur J Epidemiol* 1989;5:22-30.

Syphilitic interstitial keratitis masquerading as staphylococcal marginal keratitis

JA MARTINEZ, JE SUTPHIN (San Diego, USA). *Am J Ophthalmol* 1989;107:431.

Ringworm-like late syphilides

Z STARZYCKI (Cracow, Poland). *Acta Derm Venereol* 1989;69:173-5.

Treponema pallidum subspecies *pallidum* (Nicholls) and *Treponema pallidum* subspecies *pertenue* (CDC 2575) differ in at least one nucleotide: comparison of two homologous antigens

GT NOORDHOEK, PWM HERMANS, AN PAUL, LM SCHOULS, JJ van der SLUIS, JDA van EMBDEN (Bilthoven, The Netherlands). *Microb Pathogen* 1989;6:29-42.

Gonorrhoea

Perspectives on pathogenic neisseriae

Clin Microbiol Rev 1989;2 Suppl:1-149.

Export and intercellular transfer of DNA via membrane blebs of *Neisseria gonorrhoeae*

DW DORWARD, CF GARON, RC JUDD (Missoula, USA). *J Bacteriol* 1989;171:2499-505.

A novel gonococcal β -lactamase plasmid

M BRETT (Porirua, New Zealand). *J Antimicrob Chemother* 1989;23:653-4.

Determinants of emergence of antibiotic-resistant *Neisseria gonorrhoeae*

EW HOOK, WE BRADY, CA REICHART, et al (Baltimore, USA). *J Infect Dis* 1989;159:900-7.

Comparison of GC-Lect and modified Thayer-Martin media for isolation of *Neisseria gonorrhoeae*

CA REICHART, LM RUPKEY, WE BRADY, EW HOOK (Baltimore, USA). *J Clin Microbiol* 1989;27:808-11.

Genital gonorrhoea in women: a serovar correlation with concomitant rectal infection
DV COGHILL, H YOUNG (Edinburgh, Scotland). *J Infection* 1989;18:131-42.

Epidemiologic evidence for the development of serovar-specific immunity after gonococcal infection

FA PLUMMER, JN SIMONSEN, H CHUBB, *et al* (Winnipeg, Canada). *J Clin Invest* 1989;83:1472-6.

Localized outbreak of penicillinase-producing *Neisseria gonorrhoeae*

HH HANDSFIELD, RJ RICE, MC ROBERTS, KK HOLMES (Seattle, USA). *JAMA* 1989;261:2357-61.

Evaluation of a prototype DNA probe test for the noncultural diagnosis of gonorrhoea

PA GRANATO, MR FRANZ (New York, USA). *J Clin Microbiol* 1989;27:632-5.

Chronic gonococcal arthritis

A LIVNEH, KL SEWELL, P BARLAND (New York, USA). *J Rheumatol* 1989;16:245-6.

Gonococcal chorioamnionitis associated with sepsis: a case report

LG SMITH JR, PR SUMMERS, RW MILES, MK BISWAS, ML PERNOLL (New Orleans, USA). *Am J Obstet Gynecol* 1989;160:573-4.

Gonococcal conjunctivitis mimicking orbital cellulitis in a young adolescent

A LEGIDO, M JOFFE (Philadelphia, USA). *Am J Dis Child* 1989;143:443-4.

Norfloxacin in the treatment of gonorrhoea due to penicillinase and non-penicillinase producing *Neisseria gonorrhoeae*: a review

CT LEE, CK WONG (Singapore). *Scand J Infect Dis* 1989;56 suppl:49-54.

Efficacy and safety of a single 400 mg oral dose of cefixime in the treatment of uncomplicated gonorrhoea

A KUHLEWEN, BA NIES (Hamburg, Federal Republic of Germany). *Eur J Clin Microbiol Infect Dis* 1989;8:261-2.

Comparison of isolates of *Neisseria gonorrhoeae* causing meningitis and report of gonococcal meningitis in a patient with C8 deficiency

C del RIO, DS STEPHENS, JS KNAPP, RJ RICE, WO SCHALLA (Atlanta, USA). *J Clin Microbiol* 1989;27:1045-9.

Non-specific genital infection and related disorders (chlamydial infections)

Laboratory diagnosis of human chlamydial infections

RC BARNES (Atlanta, USA). *Clin Microbiol Rev* 1989;2:119-36.

Comparison of DNA probe, monoclonal antibody enzyme immunoassay, and cell culture for the detection of *Chlamydia trachomatis*

W LEBAR, B HERSCHMANN, C JEMAL, J PIERZCHALA (Southfield, USA). *J Clin Microbiol* 1989;27:826-8.

Effect of differences in specimen processing and passage technique on recovery of *Chlamydia trachomatis*

RB JONES, B VAN DER POL, BP KATZ (Indianapolis, USA). *J Clin Microbiol* 1989;27:894-8.

Comparison of two rapid microscopic methods and culture for detection of *Chlamydia trachomatis* in ocular and nasopharyngeal specimens from infants

PM ROBLIN, MR HAMMERSCHLAG, C CUMMINGS, TH WILLIAMS, M WORKU (New York, USA). *J Clin Microbiol* 1989;27:968-70.

Sequence amplification of a DNA sequence common to all *Chlamydia trachomatis* serovars using the polymerase chain reaction

B DUTILH, S BÉBÉAR, P RODRIGUEZ, A VEKRIS, J BONNET, M GARRET (Bordeaux, France). *Research in Microbiology* 1989;140:7-16.

Early detection of genital chlamydial infection in women: an economic evaluation

A ESTANY, M TODD, M VASQUEZ, R McLAREN (Ontario, Canada). *Sex Transm Dis* 1989;16:21-7.

Association of recurrent chlamydial infection with gonorrhoea

BE BATTEIGER, J FRAIZ, MJ NEWHALL, BP KATZ, RB JONES (Indianapolis, USA). *J Infect Dis* 1989;159:661-9.

***Chlamydia trachomatis* infection in infants: a prospective study**

PM PREECE, JM ANDERSON, RG THOMPSON (Wolverhampton, England). *Arch Dis Child* 1989;64:525-9.

Prevalence of *Chlamydia trachomatis* infection in a population of asymptomatic women in a screening programme for cervical cancer

CJLM MEIJER, JJ CALAME, EJC de WINDT, *et al*

(Amsterdam, The Netherlands). *Eur J Clin Microbiol Infect Dis* 1989;8:127-30.

Genital *Chlamydia trachomatis* infections in patients with abnormal cervical smears—effect of tetracycline treatment on cell changes

R MECSEI, OA HAUGEN, LE HALVORSEN, A DALEN (Trondheim, Norway). *Obstet Gynecol* 1989;73:317-21.

***Chlamydia trachomatis* pneumonia in an HIV-seropositive patient**

FP KROON, JW VAN'T WOUT, HT WEILAND, R VAN FURTH (Leiden, The Netherlands). *N Engl J Med* 1989;320:806-7.

A prospective single-blind trial of minocycline and doxycycline in the treatment of genital *Chlamydia trachomatis* infection in women

GT KOVACS, M WESTCOTT, J RUSDEN, *et al* (Richmond, Australia). *Med J Aust* 1989;150:483-4.

Non-specific genital infection and related disorders (mycoplasmal and ureaplasma infections)

Postpartum bacteremia and placental colonization with genital mycoplasmas and pregnancy outcome

A NAESENS, W FOULON, J BREYNAERT, S LAUWERS (Brussels, Belgium). *Am J Obstet Gynecol* 1989;160:647-50.

Factors influencing the in-vitro sensitivity of *Ureaplasma urealyticum* to tetracyclines

N JAUL, C GILCHRIST, D TAYLOR-ROBINSON (Harrow, England). *J Antimicrob Chemother* 1989;23:341-6.

Non-specific genital infection and related disorders (general)

Treatment of nongonococcal urethritis: comparison of ofloxacin and erythromycin

HHW IBSEN, BR MØLLER, L HALKIER-SØRENSEN, E FROM (Odense, Denmark). *Sex Transm Dis* 1989;16:32-5.

Clinical efficacy of new quinolones for therapy of nongonococcal urethritis

EJ PEREA, J AZNAR, A HERRERA, J MAZUECOS, A RODRIGUEZ-PICHARDO (Seville, Spain). *Sex Transm Dis* 1989;16:7-10.

Pelvic inflammatory disease

A comparison of the fallopian tube's response to overt and silent salpingitis

DL PATTON, DE MOORE, LR SPADONI, MR SOULES, SA HALBERT, SP WANG (Seattle, USA). *Obstet Gynecol* 1989;178:622-30.

Tubal infertility and silent chlamydial salpingitis

S OSSER, K PERSSON, P LIEDHOLM (Malmö, Sweden). *Human Reproduction* 1989;4:280-4.

Chlamydial salpingitis and perihepatitis after tubal occlusion

PK HEINONEN, K TEISALA, A MIETTINEN, R AINE, R PUNNONEN (Tampere, Finland). *Arch Gynecol Obstet* 1989;244:179-82.

Reiter's disease

Successful treatment of a patient with Reiter's syndrome and acquired immunodeficiency syndrome using etretinate

J BELZ, DL BRENEMAN, JJ NORDLUND, A SOLINGER (Cincinnati, USA). *J Am Acad Dermatol* 1989;20:898-902.

Trichomoniasis

Comparison of Diamond's medium modified and Kupferberg medium for detection of *Trichomonas vaginalis*

SM GELBART, JL THOMPSON, PJ OSYPOWSKI, JA JAMES, PR HAMILTON (Milwaukee, USA). *J Clin Microbiol* 1989;27:1095-6.

Candidiasis

Switching of *Candida albicans* during successive episodes of recurrent vaginitis

DR SOLL, R GALASK, S ISLEY, *et al* (Iowa, USA). *J Clin Microbiol* 1989;27:681-90.

Clotrimazole treatment of recurrent and chronic candida vulvovaginitis

JD SOBEL, C SCHMITT, C MERIWETHER (Detroit, USA). *Obstet Gynecol* 1989;73:330-7.

A comparison of single-dose oral fluconazole with 3-day intravaginal clotrimazole in the treatment of vaginal candidiasis

Report of an international multicentre trial

(Sandwich, England). *Br J Obstet Gynaecol* 1989;96:226-32.

Other sexually transmitted diseases

Chancroid and *Haemophilus ducreyi*

SA MORSE (Atlanta, USA). *Clin Microbiol Rev* 1989;2:137-57.

Clinical and microbiological efficacy of a single dose of norfloxacin in the treatment of chancroid

C ARIYARIT, B MAOKAMUKKUL, A CHITWARAKORN, C WONGBA, P SINGHARAJ, K KUVANONT (Bangkok, Thailand). *Scand J Infect Dis* 1988;suppl:55-9.

Evaluation of fleroxacin (RO 23-6240) as single-oral-dose therapy of culture-proven chancroid in Nairobi, Kenya

KS MACDONALD, DW CAMERON, LJ D'COSTA, JO NDINYA-ACHOLA, FA PLUMMER, AR RONALD (Winnipeg, Canada). *Antimicrob Agents Chemother* 1989;33:612-4.

Acquisition of cytomegalovirus infection: an update

BA FORBES (New York, USA). *Clin Microbiol Rev* 1989;2:204-16.

Genito-urinary bacteriology

CDC group HB-5 as a cause of genitourinary infection in adults

LM BADDOUR, MS GELFAND, RE WEAVER, *et al* (Columbia, USA). *J Clin Microbiol* 1989;27:801-5.

Miscellaneous

Genital cancer among wives of men with penile cancer. A study between 1958 and 1982

D HELLBERG, S NILSSON (Falun, Sweden). *Br J Obstet Gynaecol* 1989;96:221-5.

Observer variation in histopathological diagnosis and grading of cervical intra-epithelial neoplasia

SM ISMAIL, AB COLCLOUGH, JS DINNEN, *et al* (Cardiff, Wales). *Br Med J* 1989;298:707-10.

Behçet's disease

EDITORIAL. *Lancet* 1989;i:761-2.

Sexual behaviour of young and middle aged men in England and Wales

D FORMAN, C CHILVERS (Oxford, England). *Br Med J* 1989;298:1137-41.

A unique opportunity to upgrade genito-urinary medicine

MW ADLER (London, England). *Br Med J* 1989;298:1201-2.